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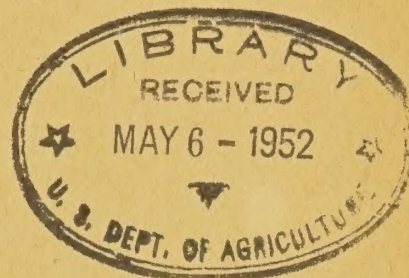
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Sewing Machine Conversion Kits*

Consumers' Research had tests made of seven kits which provide the necessary items for conversion of treadle-operated sewing machines of various makes. Tests were made to determine ease of installation by mounting each motor on a Singer 66 machine; other factors taken into account were operating qualities (ease and efficiency, electrical safety) and an over-all engineering examination which included such details as motor bearings, brush holders, insulation, and frame construction. All motors and foot controls withstood the voltage-breakdown tests satisfactorily, and all had satisfactory low-leakage current (a principal measure of potential shock hazard).

The home mechanic who plans to do the installation job on a treadle machine should make certain to include the make and model number of the sewing machine to be converted in ordering the kit. The direction of rotation of the hand wheel should be included also, as some turn in a clockwise and others in a counter-clockwise direction. The kits tested, with the exception of one, which could be reversed, were designed only for machines on which the top of the hand wheel turns toward the operator (counter-clockwise rotation).

The ratings of the seven kits are listed.



*Excerpted by Alice Linn, Extension Clothing Specialist, U. S. Department of Agriculture, from Consumers' Research Bulletin, May 1951.

